

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(hammer and wire and energy and magnitude and increasing).clm.	US-PGPUB	ADJ	ON	2006/05/11 14:13

*interference search*

*current application*

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2500	(205/640-686).CCLS.	USPAT; USOCR	OR	OFF	2006/05/11 12:19
L2	216	l1 and seal	USPAT; USOCR	ADJ	ON	2006/05/11 12:19
L3	164	l1 and seal and electrode	USPAT; USOCR	ADJ	ON	2006/05/11 12:19
S1	24	((("3626236") or ("3894227") or ("4254356") or ("4389201") or ("4498124") or ("4524302") or ("4580199") or ("4719545") or ("4727449") or ("4810932") or ("5088012") or ("5077645") or ("5138228") or ("5146134") or ("5239231") or ("5446336") or ("5896004") or ("5440457") or ("5896007") or ("5984490") or ("6133676") or ("6211616") or ("6367949") or ("6153972"))).PN.	USPAT; USOCR	OR	OFF	2006/05/09 17:39
S2	1	("4254356").PN.	USPAT; USOCR	OR	OFF	2006/05/10 07:53
S3	3328	molybdenum same (bulb or lamp)	USPAT; USOCR	ADJ	ON	2006/05/10 07:54
S4	1676	molybdenum same (bulb or lamp) same wire	USPAT; USOCR	ADJ	ON	2006/05/10 07:54
S5	1937	molybdenum same (bulb or lamp) same (quartz or glass)	USPAT; USOCR	ADJ	ON	2006/05/10 08:30
S8	26	("2667595"   "2786882"   "2965698"   "3151922"   "3419947"   "3868528"   "4110657").PN. OR ("4254356").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 07:55

# EAST Search History

S9	514	("0325391"   "1024495"   "1244990"   "1483449"   "1686859" "1796530"   "1913196"   "1964562"   "2011677"   "2037863" "2042963"   "2072337"   "2152989"   "2170682"   "2275674" "2370823"   "2503677"   "2556052"   "2667595"   "2760120" "2784336"   "2786882"   "2857712"   "2924748"   "2965698" "3071706"   "3112076"   "3140053"   "3151922"   "3194625" "3195001"   "3263852"   "3267290"   "3293493"   "3294962" "3295016"   "3305289"   "3325635"   "3356839"   "3364378" "3364385"   "3366784"   "3373311"   "3375363"   "3419947" "3435272"   "3441774"   "3515930"   "3553520"   "3572877" "3588488"   "3617795"   "3626236"   "3657594"   "3685880" "3701043"   "3764845"   "3808416"   "3818210"   "3840953" "3863075"   "3868528"   "3889147"   "3897233"   "3908144" "3912960"   "3940606"   "3968398"   "3983441"   "4006412" "4070594"   "4091307"   "4096405"   "4110657"   "4140939" "4149111"   "4156826"   "4170004"   "4184194"   "4190830" "4222047"   "4223248"   "4225906"   "4227228"   "4243985" "4259709"   "4267489"   "4277818"   "4280076"   "4293892" "4298806"   "4300189"   "4301461"   "4302698"   "4316240" "4319306"   "4338540"   "4342944"   "4364101"   "4389201" "4390931"   "4401913"   "4423471"   "4425605"   "4459648" "4461969"   "4463277"   "4475061"   "4480212"   "4498124" "4524302"   "4535268"   "4570104"   "4587588"   "4591752" "4594529"   "4595859"   "4598198"   "4598225"   "4598347" "4615131"   "4630029"   "4630180"   "4630183"   "4633280").PN. OR ("4639843"   "4654629"   "4665344"   "4703219" "4703220"   "4707014"   "4716296"   "4719545"   "4720652" "4720835"   "4737685"   "4771207"   "4791540"   "4799135" "4812710"   "4835439"   "4839559"   "4839565"   "4850500" "4866377"   "4876487"	US-PGPUB; ADJ USPAT; USOCR	ON	2006/05/10 08:30
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## EAST Search History

S10	426	molybdenum same (bulb or lamp) same (quartz or glass) same ("in-lead" or "lead-in" or leadin)	USPAT; USOCR	ADJ	ON	2006/05/10 09:44
S11	59	(fridrich near elmer).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/10 08:32
S12	364	molybdenum same (bulb or lamp) same (quartz or glass) same ("in-lead" or "lead-in" or leadin) and ("174" or "313" or "29" or "72"). clas.	USPAT; USOCR	ADJ	ON	2006/05/10 10:20
S13	4440	hammer\$3 with (energy or magnitude)	USPAT; USOCR	ADJ	ON	2006/05/10 10:20
S14	215	hammer\$3 with (energy or magnitude) and ("72" or "29").clas.	USPAT; USOCR	ADJ	ON	2006/05/10 10:21
S15	1	("3189954").URPN.	USPAT	ADJ	ON	2006/05/10 13:02
S16	20	thin with film with hammer	USPAT	ADJ	ON	2006/05/10 13:02
S17	30	thin with film with hammer	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 13:03
S18	1	("3189954").URPN.	USPAT	ADJ	ON	2006/05/10 13:05
S19	9	("3011214"   "3092880"   "3171172"   "3189954").PN. OR ("3670805").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 13:07
S20	7	("in-lead" or leadin) near3 manufacturing	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 13:08
S21	6	(foliated with lead) near3 manufacturing	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 13:08
S22	0	(folil with lead) near3 manufacturing	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 13:08
S23	0	(folil same lead) near3 manufacturing	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 13:08
S24	1097	(foil same lead) and manufacturing. clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 13:09
S25	711	(foil with lead) and manufacturing. clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 13:09

## EAST Search History

S26	10	(foil with lead) near3 manufacturing	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 13:09
S27	5	("3515420").URPN.	USPAT	ADJ	ON	2006/05/10 13:18
S28	89	pinched seal	USPAT	ADJ	ON	2006/05/10 13:18
S29	15	("3211826"   "3446637"   "3588315"   "3868528"   "4105826"   "4277285"   "4441051").PN. OR ("4539509").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 13:26
S30	10	("2610390"   "2667595"   "3469953").PN. OR ("3571899"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 14:06
S31	30083	(blow or punch or punching or hammering) with (energy or force)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 14:07
S32	5141	(blow or punch or punching or hammering) with (energy or force) and ("445" or "313" or "72" or "29" or "174").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 14:07
S33	46	(blow or punch or punching or hammering) with (energy or force) and (bulb or lamp) and (discharge or arc or incandescent) and ("445" or "313" or "72" or "29" or "174"). clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 14:19
S34	267	(blow or punch or punching or hammering) with (energy or force) with (increasing or increased or variable or varying) and ("445" or "313" or "72" or "29" or "174").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 14:20
S35	202	(blow or punch or punching or hammering) with (energy or force) with (increasing or increased) and ("445" or "313" or "72" or "29" or "174").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/10 15:23
S36	3991	(29/874,876-879,882,885,34D,33F, 33M).CCLS.	USPAT; USOCR	OR	OFF	2006/05/10 15:27
S37	83	S36 and noocrtext	USPAT; USOCR	ADJ	ON	2006/05/10 15:30
S38	3908	S36 not S37	USPAT; USOCR	ADJ	ON	2006/05/10 16:11
S39	0	S36 and "text not available"	USPAT; USOCR	ADJ	ON	2006/05/10 15:33
S40	661	S38 and (hammer or hammering or punch or punching)	USPAT; USOCR	ADJ	ON	2006/05/10 16:11
S41	390	S38 and (hammer or hammering or punch or punching) and wire	USPAT; USOCR	ADJ	ON	2006/05/10 16:30

## EAST Search History

S42	263	S38 and (hammer or hammering or punch or punching) and wire and (flatten or flattening or thinning or foil or energy or force)	USPAT; USOCR	ADJ	ON	2006/05/11 06:36
S44	3991	(29/874,876-879,882,885,34D,33F,33M).CCLS.	USPAT; USOCR	OR	OFF	2006/05/11 06:36
S45	83	S44 and noocrtext	USPAT; USOCR	ADJ	ON	2006/05/11 06:36
S46	3908	S44 not S45	USPAT; USOCR	ADJ	ON	2006/05/11 06:36
S47	97	S46 and (hammer or hammering or punch or punching) same wire same (flatten or flattening or thinning or foil or energy or force)	USPAT; USOCR	ADJ	ON	2006/05/11 06:36
S48	14	("3015876"   "3168634"   "3242295"   "3258557"   "3283274"   "3525060"   "3808390").PN. OR ("3866007").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/11 06:55
S49	116	S44 and (lamp)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/11 06:56
S50	0	("1452275").URPN.	USPAT	ADJ	ON	2006/05/11 07:29
S51	955	(445/26,29,69).CCLS.	USPAT; USOCR	OR	OFF	2006/05/11 07:36
S52	369	S51 and (foil or seal)	USPAT; USOCR	ADJ	ON	2006/05/11 07:37
S53	486	S51 and (seal or sealed or sealing)	USPAT; USOCR	ADJ	ON	2006/05/11 07:42
S54	19	S51 and (seal or sealed or sealing) and (hammer or hammering or punch or punching)	USPAT; USOCR	ADJ	ON	2006/05/11 07:42
S55	31	S51 and (hammer or hammering or punch or punching)	USPAT; USOCR	ADJ	ON	2006/05/11 07:45
S56	482	(174/17.07,17.05).CCLS.	USPAT; USOCR	OR	OFF	2006/05/11 07:48
S57	202	S56 and seal	USPAT; USOCR	ADJ	ON	2006/05/11 07:49
S58	228	S56 and (seal or sealing)	USPAT; USOCR	ADJ	ON	2006/05/11 07:52
S59	3	S56 and (seal or sealing) and (hammer or hammering or punch or punching)	USPAT; USOCR	ADJ	ON	2006/05/11 07:52
S60	3	S56 and (hammer or hammering or punch or punching)	USPAT; USOCR	ADJ	ON	2006/05/11 07:53
S61	893	(313/623,626).CCLS.	USPAT; USOCR	OR	OFF	2006/05/11 07:54

## EAST Search History

S62	37	S61 and (hammer or hammering or hammered or punch or punching or punched or impact)	USPAT; USOCR	ADJ	ON	2006/05/11 08:02
S63	1244	(174/50.64,50.57,50.58,50.61). CCLS.	USPAT; USOCR	OR	OFF	2006/05/11 08:03
S64	228	S63 and lamp	USPAT; USOCR	ADJ	ON	2006/05/11 08:03
S65	228	S63 and lamp	USPAT; USOCR	ADJ	ON	2006/05/11 08:04
S66	44	(US-4254356-\$ or US-4810932-\$ or US-2786882-\$ or US-5430353-\$ or US-3857272-\$ or US-4048842-\$ or US-6199271-\$ or US-6837129-\$ or US-3571899-\$ or US-3866007-\$ or US-6842977-\$ or US-5527199-\$ or US-3582704-\$ or US-3609212-\$ or US-3621111-\$ or US-3673454-\$ or US-3676730-\$ or US-3742117-\$ or US-3868528-\$ or US-4110657-\$ or US-4136298-\$ or US-RE31519-\$ or US-4493944-\$ or US-4851733-\$ or US-5277639-\$ or US-6674001-\$). did. or (US-2667595-\$ or US-1995441-\$ or US-2142113-\$ or US-2647814-\$ or US-2778385-\$ or US-1452275-\$ or US-1575994-\$ or US-1922535-\$ or US-2760310-\$ or US-2114869-\$ or US-2190302-\$ or US-2192892-\$ or US-2316999-\$ or US-2438562-\$ or US-2786882-\$ or US-2716584-\$ or US-3420944-\$ or US-3588315-\$).did.	USPAT; USOCR	ADJ	ON	2006/05/11 08:30
S67	14	S66 and (hammer or hammering or punch or punching pr hemmerged or punched)	USPAT; USOCR	ADJ	ON	2006/05/11 08:33
S68	576	(increased or increasing) with (hammering or hammer) with (force or energy)	USPAT; USOCR	ADJ	ON	2006/05/11 08:34
S69	1	(increased or increasing) with (hammering or hammer) with (force or energy) same foil	USPAT; USOCR	ADJ	ON	2006/05/11 08:34
S70	13	(increased or increasing) with (hammering or hammer) with (force or energy) same thin	USPAT; USOCR	ADJ	ON	2006/05/11 08:36
S71	26	(increased or increasing) with (hammering or hammer) with (force or energy) and (foil or film)	USPAT; USOCR	ADJ	ON	2006/05/11 08:55
S72	772	(72/376,76).CCLS.	USPAT; USOCR	OR	OFF	2006/05/11 08:56

## EAST Search History

S73	153	S72 and (hammer or hammering or punch or punching)	USPAT; USOCR	ADJ	ON	2006/05/11 08:57
S74	17	S72 and (hammer or hammering or punch or punching) and (light or lamp or incandescent)	USPAT; USOCR	ADJ	ON	2006/05/11 08:58
S75	100	S72 and (hammer or hammering or punch or punching) and (energy or force)	USPAT; USOCR	ADJ	ON	2006/05/11 08:59
S76	84	S72 and (hammer or hammering or punch or punching) same (energy or force)	USPAT; USOCR	ADJ	ON	2006/05/11 09:00
S77	8	S72 and (hammer or hammering or punch or punching) same (energy or force) with (increasing or changing or increased or varying or varied)	USPAT; USOCR	ADJ	ON	2006/05/11 12:19